Index of Claims

| Application/Control No | ١. |
|------------------------|----|
|------------------------|----|

10/619,221

Examiner Tony G. Soohoo Applicant(s)/Patent under Reexamination

PETER, JULIUS

Art Unit

1723

| <b>√</b> | Rejected |
|----------|----------|
| Ш        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|       |          |          |          |          |          |            | ,  |              | ٠  |  |     |       |          |          |          |              |              | ,            | _            |
|-------|----------|----------|----------|----------|----------|------------|--|--------------|--|--|-----|-------|----------|----------|----------|--------------|--------------|--------------|--------------|
| Cla   | aim      |          | _        |          |          | Dat        | e  |              |  |  |     | Cla   | im       |          |          |              | . (          | Date         | e            |
| Final | Original | 1/21/05  |          |          |          |            | ì  |              |  |  |     | Final | Original |          |          |              |              |              |              |
| 1     | 1        | =        |          |          |          |            |  | 1            | İ  |  | 1   |       | 51       |          |          |              |              |              | T            |
| 2     | 2        | =        |          |          |          |            |  |              | Ī  |  | 1   |       | 52       |          |          |              |              |              | Γ            |
| 18    | 3        | =        |          |          |          |            |  |              |  | L  | ]   |       | 53       |          |          |              |              |              |              |
| 3     | 4        | =        | _        | _        | _        | _          |  | L            | _  | <u> </u>   |     |       | 54       | <u></u>  |          | L            | <u> </u>     |              |              |
| 4     | 5        | =        |          |          |          | <u> </u>   | <u> </u>   | _            |  | <u> </u>   |     |       | 55       |          |          |              |              | $oxed{oxed}$ |              |
| 5     | 6        | =        | _        |          | <u> </u> | _          | ļ.,  | lacksquare   | _  | ļ.,  |     |       | 56       |          | _        | ļ            |              | _            | <u> </u>     |
| 6     | 7        | =        | ┝-       | <u> </u> | <u> </u> | <b> </b> - | <u> </u>   | 1            | ļ  | <b> </b>   |     |       | 57       | <u> </u> | <u> </u> | ļ            | _            | ldash        | L            |
| 7     | 8<br>9   | =        |          |          | ┝        | ⊢          | -  | -            | -  | <u> </u>   |     |       | 58       | _        | _        | _            |              |              | <del> </del> |
| 8     | 10       | =        | $\vdash$ |          | ⊢        | ┝          | ╁  | ├            | ┢  | ⊢  |     |       | 59<br>60 | -        | -        | <del> </del> |              | _            | ┝            |
| 10    | 11       | =        | ┢        |          | ┢        | ├          | ┢  | ╁            | ┼  | ├  |     |       | 61       | $\vdash$ |          | -            |              | H            | ⊬            |
| 11    | 12       | =        | -        | _        | ┢        | ├          |  | ╁            | ┢  |  | l   |       | 62       | $\vdash$ |          | $\vdash$     |              | H            | ┝            |
| 12    | 13       | =        |          |          |          |            | H  | 1            | $\vdash$   | -  | 1   |       | 63       |          |          | -            | -            |              | ┢            |
| 13    | 14       | =        |          |          | $\vdash$ |            | -  | $\vdash$     | ┢  | _  |     |       | 64       |          |          | <del> </del> | <del> </del> | H            | H            |
| 14    | 15       | ▐        |          |          | T        |            | ┢  | <del> </del> | -  |  | 1   |       | 65       |          | _        | ┢            |              | H            | H            |
| 15    | 16       | =        |          |          |          |            |  | t            | T  |  | 1   |       | 66       |          |          |              |              | $\vdash$     | Г            |
| 16    | 17       | =        |          | Γ        |          |            |  |              |  |  | 1   |       | 67       |          |          |              | Т            | $\vdash$     |              |
| 17    | 18       | =        |          |          |          |            |  |              |  |  |     |       | 68       |          |          |              |              | П            | Γ            |
|       | 19       |          |          |          |          |            |  |              |  |  | ]   |       | 69       |          |          |              |              |              |              |
|       | 20       |          |          |          |          |            |  |              |  |  |     |       | 70       |          |          |              |              |              |              |
|       | 21       | L        |          | _        |          |            | _  | <u> </u>     |  |  |     |       | 71       |          |          |              | Ĺ            |              |              |
|       | 22       | L        | _        | <u> </u> |          |            |  | <u> </u>     | ╙  |  |     |       | 72       |          |          |              |              |              | L            |
|       | 23       |          |          | _        |          |            | _  | $\vdash$     | <u> </u>   | ļ  |     |       | 73       |          |          |              | <u> </u>     |              | L            |
|       | 24       |          | _        |          |          | _          | ļ  | ļ            | ├-   | <u> </u>   |     |       | 74       |          |          |              | _            |              | L            |
|       | 25       | H        |          | _        |          | ┝          | ├-   |              |  | -  |     |       | 75<br>76 |          |          |              | _            |              | ⊢            |
|       | 26<br>27 |          | ⊢        | $\vdash$ |          | $\vdash$   | ├-   |              | ├—   | ⊢  |     |       | 77       |          |          |              | _            |              | ┝            |
| -     | 28       |          | $\vdash$ | ┢        |          | ┢          | ┝  | ┼            | <del> </del>                                     | $\vdash$   |     |       | 78       |          | -        | <u> </u>     | $\vdash$     |              | H            |
| -     | 29       |          |          |          | $\vdash$ |            | ├  | ┢            | <del>                                     </del> |  |     |       | 79       |          | _        |              | $\vdash$     |              | $\vdash$     |
|       | 30       |          |          |          |          | _          | ┢  |              | ╁  |  | 1 1 |       | 80       |          |          |              |              |              | _            |
|       | 31       |          |          |          |          |            | <del>                                     </del> | H            | T  |  |     |       | 81       |          |          |              |              |              | Г            |
|       | 32       |          |          |          | _        |            |  |              |  | Г  | 1 1 |       | 82       |          |          |              |              |              | Т            |
|       | 33       |          |          |          |          |            |  |              |  |  | ] [ |       | 83       |          |          |              |              |              |              |
|       | 34       |          |          |          |          |            |  |              |  |  | ] [ |       | 84       |          |          |              |              |              |              |
|       | 35       |          |          |          |          |            |  |              | L  |  | ] [ |       | 85       |          |          |              |              |              |              |
|       | 36       |          |          |          |          |            | <u>_</u>   |              |  |  |     |       | 86       |          |          |              |              |              |              |
|       | 37       |          |          |          | _        |            | L_   |              |  |  |     |       | 87       |          |          | L            |              |              |              |
|       | 38       |          |          | _        |          |            |  | _            |  |  |     |       | 88       |          |          | _            |              |              | L            |
|       | 39       |          |          |          | ļ        |            |  | _            |  |  |     |       | 89       | _        |          | L            | _            |              | L            |
|       | 40<br>41 |          |          |          |          | —          |  | -            | -  |  |     |       | 90       |          |          | <u> </u>     | _            |              |              |
|       | 42       |          |          |          |          |            | -  | -            | $\vdash$   | $\vdash$   | } } |       | 91<br>92 | -        |          |              | _            |              | _            |
| 1     | 43       | H        | -        | -        |          | -          | <del> </del>                                     | $\vdash$     | $\vdash$   | $\vdash$   |     |       | 93       | $\vdash$ |          | $\vdash$     |              | $\vdash$     | _            |
|       | 44       | Н        | -        | -        | $\vdash$ |            | $\vdash$   |              | $\vdash$   | $\vdash$   |     |       | 94       |          |          | H            |              | $\vdash$     | -            |
|       | 45       | H        | H        |          |          |            |  |              | $\vdash$   | <b></b>  |     |       | 95       |          |          |              |              |              | -            |
|       | 46       |          |          |          |          |            |  | Т            | <del>                                     </del> | <del>                                     </del> |     |       | 96       |          |          |              |              |              | H            |
|       | 47       | $\vdash$ |          |          |          |            |  |              |  |  |     |       | 97       | $\neg$   |          |              |              |              | Т            |
|       | 48       |          |          |          |          |            |  |              |  |  |     |       | 98       |          |          |              |              |              |              |
|       | 49       |          |          |          |          |            |  |              |  |  |     |       | 99       |          |          |              |              |              |              |
|       | 50       |          |          |          |          |            |  | Ľ.           |  |  |     |       | 100      |          | Ξ        |              |              |              |              |
|       |          |          |          |          |          |            |  |              |  |  | -   |       |          |          |          |              |              |              |              |

| <u> </u> | Claim                                  |  |          |                 |            | <u>val</u> | <u>e</u>   |                |              |        |
|----------|--|--|----------|-----------------|------------|------------|--|----------------|--------------|--------|
| Final    | Original                               |  |          |                 |            |            |  |                |              |        |
|          | 51                                     | <del>                                     </del> | $\vdash$ | 1               | T          |            |  |                |              | ┢      |
|          | 52                                     | 1  |          | l               |            | İ          |  |                | -            |        |
|          | 52<br>53                               |  |          |                 |            |            |  | Г              |              |        |
|          | 54<br>55                               |  |          |                 |            |            |  |                |              |        |
|          | 55                                     |  |          |                 |            |            |  |                |              |        |
|          | 56                                     |  |          |                 |            |            |  |                |              |        |
|          | 57<br>58                               |  | L        |                 |            |            |  |                |              |        |
|          | 58                                     |  |          |                 |            |            |  |                |              |        |
| L_       | 59                                     |  | <u> </u> |                 | <u> </u>   |            |  |                |              |        |
| <u> </u> | 60<br>61                               | _  |          | _               |            |            |  |                |              |        |
|          | 61                                     | <u> </u>   |          | $oxed{igspace}$ | _          |            | <u> </u>   | L              |              | _      |
|          | 62                                     |  | L        | <u> </u>        | L_         |            | _  | _              |              |        |
|          | 63                                     |  | L        | L               | <u> </u>   | L          | <u> </u>   | _              |              |        |
| -        | 63<br>64<br>65                         | _  | _        | <u> </u>        | <u> </u>   |            | <u> </u>   | <u> </u>       |              | L.     |
| <u> </u> | 65                                     | <u> </u>   | <u> </u> | <u> </u>        | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>       | _            | _      |
| <u> </u> | 66<br>67                               | <u> </u>   | <u> </u> |                 | <u> </u>   | $\vdash$   | <u> </u>   | <u> </u>       | <u> </u>     |        |
|          | 67                                     |  |          | <u> </u>        | _          | _          | <u> </u>   |                | _            |        |
|          | 68                                     |  | <u> </u> | <u> </u>        | _          | _          |  |                |              |        |
| <u> </u> | 69                                     |  |          |                 | <u> </u>   |            | _  |                | _            | _      |
| <u> </u> | 70                                     |  | <u> </u> | L.              | <u> </u>   |            | _  |                | <u> </u>     |        |
| -        | /1                                     |  | _        |                 | <u> </u>   | _          |  |                | _            |        |
| <b> </b> | 72                                     |  | _        |                 | _          | ļ          | _  |                | <u> </u>     |        |
| -        | 73                                     |  | <u> </u> |                 | <u> </u>   | _          |  |                | _            |        |
|          | 69<br>70<br>71<br>72<br>73<br>74<br>75 |  |          |                 | <u> </u>   |            |  |                | _            |        |
|          | 76                                     |  | -        |                 | $\vdash$   |            |  |                | ├—           | _      |
|          | 76                                     |  | -        |                 | ⊢          | -          |  |                | -            | -      |
|          | 77<br>78<br>79                         |  | ⊢        | <del> </del>    | ⊢          | $\vdash$   |  |                | <del> </del> |        |
|          | 70                                     |  | -        | ╁               | $\vdash$   | $\vdash$   | $\vdash$   | -              |              |        |
|          | 80                                     | <del> </del>                                     |          |                 | <u> </u>   |            | $\vdash$   | <del> </del> - |              |        |
|          | 81                                     |  | -        | $\vdash$        |            |            | $\vdash$   | ├              | -            |        |
| -        | 82                                     | $\vdash$   |          | $\vdash$        |            |            | ┝  |                | $\vdash$     | H      |
|          | 82<br>83                               |  |          |                 |            | _          | <del>                                     </del> |                |              |        |
|          | 84                                     | -  | <u> </u> | _               |            |            |  | _              | _            | -      |
|          | 85                                     |  | Г        |                 | T          |            | $\vdash$   | <u> </u>       |              | H      |
|          | 86                                     |  | Г        | Γ               | Ι          |            | Г  |                |              | М      |
|          | 87                                     |  |          | Γ               |            |            |  |                |              | М      |
|          | 88                                     |  | _        |                 |            |            |  | Γ_             |              |        |
|          | 88<br>89                               |  |          |                 |            | L.         |  |                |              |        |
|          | 90                                     |  |          |                 |            |            |  |                |              |        |
|          | 91                                     |  |          |                 |            |            |  |                |              |        |
|          | 92                                     |  |          |                 |            |            |  |                |              |        |
|          | 93                                     |  |          |                 |            |            |  |                |              |        |
| L        | 94                                     |  |          |                 |            | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Щ              |              | Ш      |
| L        | 95                                     |  | <u> </u> | L               | L          |            | L  |                | L            | Щ      |
|          | 96                                     |  |          | _               |            |            | L  | Щ              |              | Ш      |
| <u></u>  | 97                                     | L.,  | _        | <u> </u>        | lacksquare | Ш          | L  |                |              | Щ      |
| L        | 98                                     |  | _        | _               |            |            |  |                | _            | $\Box$ |
|          | 99                                     |  | _        | _               | _          |            |  |                |              |        |
|          | 100                                    |  | Ŀ        |                 | L          |            |  |                |              |        |

| CI       | aim                      | Γ        |              |          | - 1  | Dat            | <u>—</u> |              |              | $\neg$          |
|----------|--------------------------|----------|--------------|----------|--|----------------|----------|--------------|--------------|-----------------|
|          | l                        |          |              |          |  |                |          |              |              | П               |
| Final    | Original                 |          |              |          |  |                |          |              |              |                 |
| 這        | Ĕ                        |          |              |          |  |                |          |              |              |                 |
|          | l                        |          |              |          | L  | L              |          |              |              |                 |
|          | 101<br>102               |          |              |          |  |                |          |              |              |                 |
|          | 102                      |          |              |          |  |                |          |              |              |                 |
|          | 103                      |          |              |          |  |                |          |              |              |                 |
|          | 104<br>105               |          |              | L        |  |                | L        | <u> </u>     | <u> </u>     |                 |
|          | 105                      | _        |              | <u></u>  | _  |                | _        | <u> </u>     | <u></u>      | Ш               |
|          | 106                      | ļ        | _            |          |  |                | _        | <u> </u>     |              | Ш               |
|          | 107                      | _        | <u> </u>     |          | <u> </u>   | <u> </u>       | <u> </u> | L            | L            | Ш               |
|          | 108<br>109               | <u> </u> | <u> </u>     | _        |  | <u> </u>       | _        |              |              |                 |
|          | 109                      | _        | _            |          | _  | <u> </u>       | <u> </u> | _            | <u> </u>     | Ш               |
| ļ        | 110                      |          | <u> </u>     |          | _  | <u> </u>       | ├        | <u> </u>     | _            | Ш               |
|          | 111                      |          | <u> </u>     | _        |  |                | <u> </u> | _            | _            |                 |
| <u> </u> | 112                      |          | <u> </u>     | ₩        | _  | <u> </u>       | ├-       | <u> </u>     | $\vdash$     | Н               |
|          | 113                      |          | $\vdash$     | -        | <u> </u>   |                | ├-       | _            | _            | Н               |
|          | 114<br>115               | _        | ⊢            | -        |  |                | <u> </u> | _            | _            | Н               |
|          | 116                      | <u> </u> | $\vdash$     | ⊢        | <del> </del>                                     | -              | ⊢        | $\vdash$     | $\vdash$     | $\vdash \vdash$ |
| $\vdash$ | 117                      | <u> </u> | -            |          | -  | -              | $\vdash$ | -            | <del> </del> | H               |
|          | 118                      |          |              | ⊢        |  |                |          | ⊢            | $\vdash$     | $\vdash$        |
|          | 119                      |          | $\vdash$     | ⊢        |  |                | ├        | ⊢            | <del> </del> | Н               |
|          | 120                      |          | -            | -        | $\vdash$   | _              | H        | $\vdash$     | $\vdash$     | Н               |
|          | 121                      |          | $\vdash$     | ┝        |  |                | -        |              | ├            | Н               |
|          | 121<br>122<br>123        |          | $\vdash$     | ├─       | -  |                |          |              |              | Н               |
|          | 123                      |          | $\vdash$     | $\vdash$ | $\vdash$   |                | -        | -            | -            | Н               |
| <u></u>  | 124                      |          | $\vdash$     | $\vdash$ | -  | ┝              | -        | _            |              | Н               |
|          | 124<br>125<br>126        |          | <del> </del> | ┢        | <del> </del>                                     | <del> </del> — |          | <del> </del> |              | Н               |
|          | 126                      |          | -            | _        | <del>                                     </del> |                |          |              |              | $\vdash$        |
|          | 127                      |          | _            | <u> </u> | $\vdash$   |                |          | $\vdash$     |              | $\vdash$        |
|          | 127<br>128<br>129<br>130 |          |              |          |  |                |          |              | _            | Н               |
|          | 129                      |          | _            |          |  |                |          |              |              | П               |
|          | 130                      |          | _            |          | Г  |                |          |              |              | П               |
|          | 131                      |          |              |          | П  |                |          |              |              | П               |
|          | 132                      |          |              |          |  |                |          |              |              | П               |
|          | 132<br>133               |          |              |          |  |                |          |              |              |                 |
|          | 134                      |          |              |          |  |                |          |              |              |                 |
|          | 135                      |          |              |          | L  |                |          |              |              |                 |
|          | 136                      |          |              |          |  |                |          |              | <u> </u>     |                 |
|          | 137                      |          |              |          |  |                |          |              | <u> </u>     |                 |
|          | 138                      |          |              |          |  | _              | _        |              | _            |                 |
|          | 139                      |          |              |          |  | _              |          |              |              |                 |
|          | 140                      |          |              | _        |  | _              | _        | _            |              |                 |
|          | 141                      | =        | <u> </u>     | _        |  | H              | _        | <u> </u>     | _            | Н               |
|          | 142                      |          |              | <u> </u> | -  | $\vdash$       | _        | $\vdash$     | <u> </u>     | Н               |
|          | 143<br>144               | -        | —            |          | _  | $\vdash$       | _        | $\vdash$     | <u> </u>     | $\dashv$        |
| -        | 144                      |          | ļ            | -        |  | H              | _        |              | <u> </u>     | Н               |
|          | 146                      | -        | <u> </u>     | -        |  | $\vdash$       | $\vdash$ |              | -            | -               |
|          | 147                      | $\dashv$ | -            |          | _  | $\vdash$       | <u> </u> |              | $\vdash$     | $\dashv$        |
|          | 148                      | -        |              | $\vdash$ | _  | -              | -        | -            |              | $\dashv$        |
|          | 149                      | -        | -            | ├        |  | —              | -        | Н            | $\vdash$     | $\dashv$        |
|          | 150                      | -        | -            |          |  |                |          | $\vdash$     | Н            | $\dashv$        |
| LI       | 130                      |          |              |          |  |                |          |              | ш            | $\square$       |